Shi	mizu et al	•	[45] D a
[54]	PREPARA	CHARIDES N9GI, THEIR TION AND THERAPEUTIC ITIONS CONTAINING THEM	[56] U.S
[75]	Inventors:		2,871,235 4,229,440 1 4,304,906 1 4,366,308 1
[73]	Assignee:	Terumo Kabushiki Kaisha, Tokyo, Japan	Primary Exam Assistant Exam Attorney, Agent Woodward
[21]	Appl. No.:	466,553	[57]
[22]	Filed:	Feb. 15, 1983	A hot-water exist treated with range molecu
Feb	Foreig b. 19, 1982 [JF b. 19, 1982 [JF cc. 4, 1982 [JF	P] Japan 57-25441	1×10 ³ -1.5×1 N9GI from the saccharide fra treated with a range molecu 1×10 ³ -8×10
[51]	Int. Cl. ³	C08B 37/00; C07H 1/00	N9GIa and po

536/123; 536/127; 536/128

536/127, 128; 514/54

[52] U.S. Cl. 514/54; 536/114;

[58] Field of Search 424/180; 536/114, 123,

United States Patent [19]

[11] Patent Number:

4,536,496

[45] Date of Patent:

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Primary Examiner—Johnnie R. Brown
Assistant Examiner—Elli Peselev
Attorney, Agent, or Firm—Frishauf, Holtz, Goodman &
Woodward

[57] ABSTRACT

A hot-water extract of the bark of *Melia azadirachta* L. is treated with a gel filtrating agent with a fractionation range molecular weight from $1\times10^3-1\times10^5$ to $1\times10^3-1.5\times10^5$. There is obtained polysaccharide N9GI from the first fraction of the three divided polysaccharide fractions. Polysaccharide N9GI further treated with a gel-filtrating agent with a fractionation range molecular weight from $1\times10^3-2\times10^5$ to $1\times10^3-8\times10^5$. There are obtained polysaccharide N9GIa and polysaccharide N9GIb respectively from the first and second fractions of the two divided polysaccharide fractions.

20 Claims, 5 Drawing Figures